

To: Chan, Jennifer[Chan.Jennifer@epa.gov]; Houlihan, Damien[houlihan.damien@epa.gov]
Cc: Lincoln, Ann[Ann.Lincoln@tetrattech.com]
From: Meadows, Kelly
Sent: Mon 4/21/2014 9:24:10 PM
Subject: RE: WA 3-28, Pilgrim Nuclear Power Station, Technical Assistance, EP-C-11-009
DRAFT TtAssistanceResponse PNPS 20140421.docx

Hello—

Please see attached for our review of MassDEP's thermal analysis, as described in item 2 below. We'd be glad to discuss it further or answer any questions you might have.

Thanks

Kelly

From: Chan, Jennifer [mailto:Chan.Jennifer@epa.gov]
Sent: Thursday, February 27, 2014 2:21 PM
To: Meadows, Kelly
Cc: Houlihan, Damien
Subject: TD: WA 3-28, Pilgrim Nuclear Power Station, Technical Assistance, EP-C-11-009

Kelly –

Please provide technical assistance to EPA Region 1 for development of permit for the Pilgrim Nuclear Power Station, Plymouth, MA in the following areas:

1. Engineering Evaluations

a. Evaluate PNPS "Evaluation of Existing CWIS Technologies and Operational Measures"; "Closed-Loop Cooling"; "Alternative I/E Reduction Technologies" "Flow Reduction"; and "Conclusions" from June 2008 submittal.

b. Provide engineering assessment as to the validity of operational concerns and the feasibility of retrofit of cooling system with cooling towers.

2. Biological Evaluation

Provide support in the development of thermal analysis for the facility. Review and provide technical comments on the MassDEP's draft thermal analysis; identifying areas that needs to be developed, areas that should be included, and where supporting documentation is needed.

3. Affordability – If necessary, determine financial/economic profitability of PNPS and the affordability of installing 316(b) technologies.

Region 1 will send you the materials for this task. Please see the attached document regarding Region 1's request to EPA for support for more background information regarding Pilgrim Nuclear Power Station.

Thanks

Jennifer Chan

US EPA, OW, OWM

Water Permits Division

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202-564-3067 (Tues, Wed, Thurs)